CONFERENCE CALL

THE INTERNATIONAL SCIENTIFIC CONFERENCE:

"AI Horizon - A new era of creativity and innovation"

Tirana on 8-9 November 2024

Innovations in the field of artificial intelligence (AI) continue to shape the future of humanity in almost every economic, social, cultural and educational aspect. AI is already the main driver of emerging technologies such as Big Data, robotics and IoT, generative AI, machine learning (ML) and deep learning (DP), further expanding its possibilities and popularity. The future of artificial intelligence holds great promise, with the potential to revolutionize industries and businesses, augment human capabilities, and solve complex challenges.

As the field of artificial intelligence continues to rapidly evolve, conferences play a key role in bringing together experts, researchers, practitioners, and government and industry leaders to explore the latest trends, innovations, and applications in AI technology. These conferences serve as platforms for knowledge sharing, collaboration and networking, promoting progress in the field.

The Academy of Sciences of Albania (ASHSH), in cooperation with a group of universities and academic institutes, will organize the International Conference "AI Horizon - a new era of creativity and innovation", which will be held in Tirana, on November 8-9 2024.

This conference aims to bring together academics, scientific researchers, professionals in a single event to discuss and conclude about the current situation of AI and economic developments in the framework of new technological and innovative applications, to explore and debate trends, advances, the latest technologies and innovations in AI.

Participation in this conference is international thanks to very important partnerships and European projects in which the Academy of Sciences is an active partner.

Therefore, the purpose of the conference "AI Horizon - a new era of creativity and innovation" is also to connect academics, researchers and other actors, experts in the field of artificial intelligence and computer science inside and outside the country in a wider network. Its priority is to provide an academic platform for all those within the field to have the opportunity to share and discuss findings and developments within the world of AI, encouraging, promoting and exchanging scientific information.

This conference can be seen as a good opportunity in creating the AI community that can lead to important collaborations of different actors related to the future of AI.

As algorithm-driven artificial intelligence continues to proliferate, will humans be better off than they are today? Experts say the rise of artificial intelligence will make most people better off, but many have concerns about how advances in AI will affect them in the coming years. What are the predictions for the future? One thing is known: Human life will accelerate, behaviors will change, governments and industries will transform…and this is what can be predicted with certainty.

Topics that can be discussed are:

AI technologies:
- Natural language processing (NLP)
- Computer vision
- Machine learning (ML)
- Deep learning and neural networks
- Computer vision
- Robotics
- Distributed knowledge graphs
- Generative AI

AI applications:
- AI in business Intelligence
- AI in healthcare
- AI in education and science
- AI in finance
- AI in manufacturing
- AI in retail
- AI in transportation
- AI in energy
- AI in governance

Details on topics may be found at:
- https://cloud.google.com/discover/ai-applications
- https://dl.acm.org/ccs

Organization of the Conference

Papers will be accepted in English according to the format that will be circulated, after the review process (peer-review), and will be published online (proceedings book). The selected and completed articles can be published in the Academy magazine AJNTS (Albanian Journal of Natural and Technical Sciences).

The opening plenary session of the conference will take place on November 8, 2024, Tirana, from 16:00 to 20:00.

During the plenary session, leaders of important public institutions of the country, academics and leaders of academic institutions, representatives of partnerships from the European Union, as well as the main sponsors of the conference, will give their welcome speech.

The parallel sessions in which the scientific articles will be presented and where the main topics of the parallel sessions will be discussed will be held on November 9, 2024, Tirana, from 09:00-13:30.

Conference organizers

The conference is organized by the Artificial Intelligence Unit and the Mathematics and Informatics Commission of ASSH, in cooperation with:

- University of Tirana (UT)
- Polytechnic University of Tirana (UPT)
- Epoka University
- Mediterranean University of Albania
- AlbScience Institute (IASH)
- University of Pristina "Hasan Prishtina"
- University of Business and Technology (UBT), Pristina
- University of Tetovo

Important dates

Sending the abstract (facultative, recommended) until **25.09.2024**
Full article submission **05.10.2024**
Notice of acceptance **26.10.2024**

Organizing Committee

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- Sule Yildirim Yayilgan, Norwegian University of Science and Technology, Norway
- Agon Memeti, University of Tetovo, North Macedonia
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